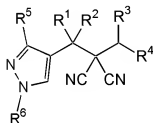


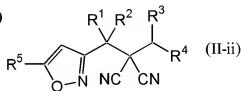
**AMENDMENTS TO THE CLAIMS**

**1-3. (Cancelled)**

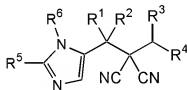
**4. (Currently amended)** ~~The~~A malononitrile compound ~~according to claim 1,~~  
 which is represented by any one of the formula (II-i) to (II-xiii):



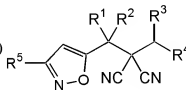
(II-i)



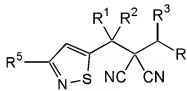
(II-ii)



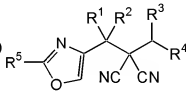
(II-iii)



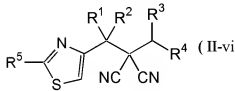
(II-iv)



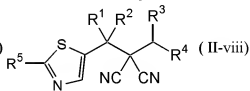
(II-v)



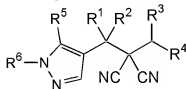
(II-vi)



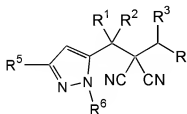
(II-vii)



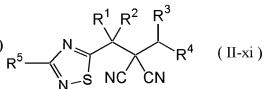
(II-viii)



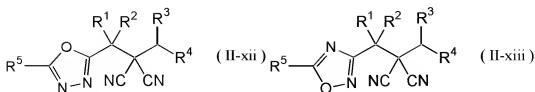
(II-ix)



(II-x)



(II-xi)



wherein R<sup>1</sup> represents C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, C2-C5 alkynyl optionally substituted with one or more halogen, or hydrogen,

R<sup>2</sup> represents C1-C5 alkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, C2-C5 alkynyl optionally substituted with one or more halogen, cyano or hydrogen,

R<sup>3</sup> and R<sup>4</sup> each represent C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, C2-C5 alkynyl optionally substituted with one or more halogen, C3-C5 cycloalkyl optionally substituted with one or more halogen, C4-C5 cycloalkenyl optionally substituted with one or more halogen, or hydrogen,

or R<sup>3</sup> and R<sup>4</sup> are taken together to represent C2-C6 alkanediyl optionally substituted with one or more halogen or C4-C6 alkenediyl optionally substituted with one or more halogen,

R<sup>5</sup> represents halogen, cyano, nitro, formyl, SF<sub>5</sub>, C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, C2-C5 alkynyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen or one or more C1-C3 alkyl, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally substituted with one or more halogen, C3-C5 alkenylthio optionally substituted with one or more halogen, C3-C5 alkynylthio optionally substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, C2-C6 alkylcarbonyl optionally substituted with one or more halogen, a group represented by C(OR<sup>19</sup>)R<sup>20</sup>R<sup>21</sup>, or hydrogen,

R<sup>6</sup> represents C1-C5 alkyl optionally substituted with one or more halogen,

R<sup>19</sup> represents C1-C5 alkyl optionally substituted with one or more halogen, C3-C5 alkynyl optionally substituted with one or more halogen, or hydrogen, and

R<sup>20</sup> and R<sup>21</sup> each represent C1-C5 alkyl-~~optionally~~ optionally substituted with one or more halogen, or hydrogen.

5. **(Currently amended)** The malononitrile compound according to claim 4, wherein R<sup>1</sup> is hydrogen,

R<sup>2</sup> is C1-C5 alkyl optionally substituted with one or more halogen, or hydrogen,

R<sup>3</sup> and R<sup>4</sup> each are C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, or hydrogen,

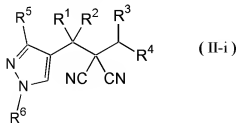
R<sup>5</sup> is halogen, C1-C5 alkyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, a group represented by C(OR<sup>19</sup>)R<sup>20</sup>R<sup>21</sup>, or ~~hydrogen~~ hydrogen,

R<sup>6</sup> is C1-C5 alkyl optionally substituted with one or more halogen,

R<sup>19</sup> represents C1-C5 alkyl-~~optionally~~ optionally substituted with one or more halogen, C3-C5 alkynyl-~~optionally~~ optionally substituted with one or more halogen, or hydrogen, and

R<sup>20</sup> and R<sup>21</sup> each represent C1-C5 alkyl-~~optionally~~ optionally substituted with one or more halogen, or hydrogen.

6. **(Currently amended)** The malononitrile compound according to ~~claim 1~~ claim 4, which is represented by the formula (II-i):



wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$  and  $R^6$  are as defined in claim 4, represents C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, C2-C5 alkynyl optionally substituted with one or more halogen, or hydrogen;

$R^2$  represents C1-C5 alkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, C2-C5 alkynyl optionally substituted with one or more halogen, cyano or hydrogen;

$R^3$  and  $R^4$  each represent C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, C2-C5 alkynyl optionally substituted with one or more halogen, C3-C5 cycloalkyl optionally substituted with one or more halogen, C4-C5 cycloalkenyl optionally substituted with one or more halogen, or hydrogen;

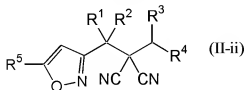
or  $R^3$  and  $R^4$  are taken together to represent C2-C6 alkanediyl optionally substituted with one or more halogen or C4-C6 alkenediyl optionally substituted with one or more halogen;

$R^5$  represents halogen, cyano, nitro, formyl,  $SF_5$ , C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, C2-C5 alkynyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen or one or more C1-C3 alkyl, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally substituted with one or more halogen, C3-C5 alkenylthio optionally substituted with one or more halogen, C3-C5 alkynylthio optionally substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, C2-C6 alkylcarbonyl optionally substituted with one or more halogen, a group represented by  $C(OR^{19})R^{20}R^{21}$ , or hydrogen,  $R^6$  represents C1-C5 alkyl optionally substituted with one or more halogen;

$R^{19}$  represents C1-C5 alkyl optionally substituted with one or more halogen, C3-C5 alkynyl optionally substituted with one or more halogen, or hydrogen; and

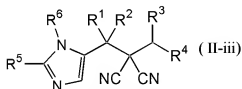
$R^{20}$  and  $R^{21}$  each represent C1-C5 alkyl optionally substituted with one or more halogen, or hydrogen.

7. **(Currently amended)** ~~The~~A malononitrile compound according to claim 4,  
 which is represented by the formula (II-ii):



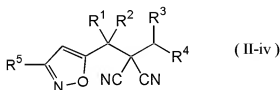
wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are as defined in ~~claim 6~~claim 4.

8. **(Currently amended)** ~~The~~A malononitrile compound according to claim 4,  
 which is represented by the formula (II-iii):



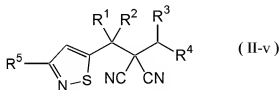
wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> are as defined in ~~claim 6~~claim 4.

9. **(Currently amended)** ~~The~~A malononitrile compound according to claim 4,  
 which is represented by the formula (II-iv):



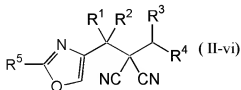
wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are as defined in ~~claim 6~~claim 4.

10. **(Currently amended)** ~~The~~A malononitrile compound according to claim 4,  
 which is represented by the formula (II-v):



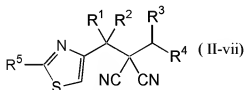
wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are as defined in ~~claim 6~~claim 4.

11. (Currently amended) ~~The~~A malononitrile compound according to claim 4,  
 which is represented by the formula (II-vi):



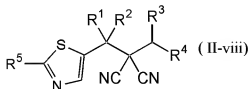
wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are as defined in ~~claim 6~~ claim 4.

12. (Currently amended) ~~The~~A malononitrile compound according to claim 4,  
 which is represented by the formula (II-vii):



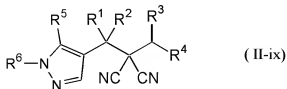
wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are as defined in ~~claim 6~~ claim 4.

13. (Currently amended) ~~The~~A malononitrile compound according to claim 4,  
 which is represented by the formula (II-viii):



wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are as defined in ~~claim 6~~ claim 4.

14. (Currently amended) ~~The~~A malononitrile compound according to claim 4,  
 which is represented by the formula (II-ix):



wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> are as defined in ~~claim 6~~ claim 4.

**15. (Currently amended)** The malononitrile compound according to claim 6, wherein R<sup>1</sup> is hydrogen,

R<sup>2</sup> is C1-C5 alkyl optionally substituted with one or more halogen, or hydrogen,

R<sup>3</sup> and R<sup>4</sup> each are C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, or hydrogen,

R<sup>5</sup> is halogen, C1-C5 alkyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, a group represented by C(OR<sup>19</sup>)R<sup>20</sup>R<sup>21</sup>, or hydrogen,

R<sup>6</sup> is C1-C5 alkyl optionally substituted with one or more halogen,

R<sup>19</sup> represents C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, C3-C5 alkynyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen, and

R<sup>20</sup> and R<sup>21</sup> each represent C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen.

**16. (Currently amended)** A pesticidal composition, which comprises an effective amount of the malononitrile compound according to ~~claim 1~~ claim 4 and an inert carrier.

**17. (Currently amended)** A method for controlling ~~a~~ an arthropod pest, which comprises applying an effective amount of the malononitrile compound according to ~~claim 1~~ claim 4 to said arthropod pest or a place where said arthropod pest inhabits.

**18. (Cancelled)**

**19. (Currently amended)** The malononitrile compound according to claim 7, wherein R<sup>1</sup> is hydrogen,

R<sup>2</sup> is C1-C5 alkyl optionally substituted with one or more halogen, or hydrogen,

R<sup>3</sup> and R<sup>4</sup> each are C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, or hydrogen,

R<sup>5</sup> is halogen, C1-C5 alkyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, a group represented by C(OR<sup>19</sup>)R<sup>20</sup>R<sup>21</sup>, or hydrogen,

~~R<sup>6</sup> is C1-C5 alkyl optionally substituted with one or more halogen,~~

R<sup>19</sup> represents C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, C3-C5 alkynyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen, and

R<sup>20</sup> and R<sup>21</sup> each represent C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen.

**20. (Currently amended)** The malononitrile compound according to claim 8, wherein R<sup>1</sup> is hydrogen,

R<sup>2</sup> is C1-C5 alkyl optionally substituted with one or more halogen, or hydrogen,

R<sup>3</sup> and R<sup>4</sup> each are C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, or hydrogen,

R<sup>5</sup> is halogen, C1-C5 alkyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, a group represented by C(OR<sup>19</sup>)R<sup>20</sup>R<sup>21</sup>, or hydrogen,

R<sup>6</sup> is C1-C5 alkyl optionally substituted with one or more halogen,

R<sup>19</sup> represents C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, C3-C5 alkynyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen, and



R<sup>20</sup> and R<sup>21</sup> each represent C1-C5 alkyl-~~optionally~~ optionally substituted with one or more halogen, or hydrogen.

**21. (Currently amended)** The malononitrile compound according to claim 9, wherein R<sup>1</sup> is hydrogen,

R<sup>2</sup> is C1-C5 alkyl optionally substituted with one or more halogen, or hydrogen,

R<sup>3</sup> and R<sup>4</sup> each are C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, or hydrogen,

R<sup>5</sup> is halogen, C1-C5 alkyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, a group represented by C(OR<sup>19</sup>)R<sup>20</sup>R<sup>21</sup>, or hydrogen,

~~R<sup>6</sup> is C1-C5 alkyl optionally substituted with one or more halogen,~~

R<sup>19</sup> represents C1-C5 alkyl-~~optionally~~ optionally substituted with one or more halogen, C3-C5 alkynyl-~~optionally~~ optionally substituted with one or more halogen, or hydrogen, and

R<sup>20</sup> and R<sup>21</sup> each represent C1-C5 alkyl-~~optionally~~ optionally substituted with one or more halogen, or hydrogen.

**22. (Currently amended)** The malononitrile compound according to claim 10, wherein R<sup>1</sup> is hydrogen,

R<sup>2</sup> is C1-C5 alkyl optionally substituted with one or more halogen, or hydrogen,

R<sup>3</sup> and R<sup>4</sup> each are C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, or hydrogen,

R<sup>5</sup> is halogen, C1-C5 alkyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally

substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, a group represented by  $C(OR^{19})R^{20}R^{21}$ , or hydrogen,

~~$R^6$  is C1-C5 alkyl optionally substituted with one or more halogen,~~

$R^{19}$  represents C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, C3-C5 alkynyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen, and

$R^{20}$  and  $R^{21}$  each represent C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen.

**23. (Currently amended)** The malononitrile compound according to claim 11, wherein  $R^1$  is hydrogen,

$R^2$  is C1-C5 alkyl optionally substituted with one or more halogen, or hydrogen,

$R^3$  and  $R^4$  each are C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, or hydrogen,

$R^5$  is halogen, C1-C5 alkyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, a group represented by  $C(OR^{19})R^{20}R^{21}$ , or hydrogen,

~~$R^6$  is C1-C5 alkyl optionally substituted with one or more halogen,~~

$R^{19}$  represents C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, C3-C5 alkynyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen, and

$R^{20}$  and  $R^{21}$  each represent C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen.

**24. (Currently amended)** The malononitrile compound according to claim 12, wherein  $R^1$  is hydrogen,

$R^2$  is C1-C5 alkyl optionally substituted with one or more halogen, or hydrogen,

R<sup>3</sup> and R<sup>4</sup> each are C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, or hydrogen,

R<sup>5</sup> is halogen, C1-C5 alkyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, a group represented by C(OR<sup>19</sup>)R<sup>20</sup>R<sup>21</sup>, or hydrogen,

~~R<sup>6</sup> is C1-C5 alkyl optionally substituted with one or more halogen,~~

R<sup>19</sup> represents C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, C3-C5 alkynyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen, and

R<sup>20</sup> and R<sup>21</sup> each represent C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen.

**25. (Currently amended)** The malononitrile compound according to claim 13, wherein R<sup>1</sup> is hydrogen,

R<sup>2</sup> is C1-C5 alkyl optionally substituted with one or more halogen, or hydrogen,

R<sup>3</sup> and R<sup>4</sup> each are C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, or hydrogen,

R<sup>5</sup> is halogen, C1-C5 alkyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, a group represented by C(OR<sup>19</sup>)R<sup>20</sup>R<sup>21</sup>, or hydrogen,

~~R<sup>6</sup> is C1-C5 alkyl optionally substituted with one or more halogen,~~

R<sup>19</sup> represents C1-C5 alkyl ~~optionally~~ optionally substituted with one or more halogen, C3-C5 alkynyl ~~optionally~~ optionally substituted with one or more halogen, or hydrogen, and

R<sup>20</sup> and R<sup>21</sup> each represent C1-C5 alkyl-~~optionally~~ optionally substituted with one or more halogen, or hydrogen.

**26. (Currently amended)** The malononitrile compound according to claim 14, wherein R<sup>1</sup> is hydrogen,

R<sup>2</sup> is C1-C5 alkyl optionally substituted with one or more halogen, or hydrogen,

R<sup>3</sup> and R<sup>4</sup> each are C1-C5 alkyl optionally substituted with one or more halogen, C2-C5 alkenyl optionally substituted with one or more halogen, or hydrogen,

R<sup>5</sup> is halogen, C1-C5 alkyl optionally substituted with one or more halogen, C3-C6 cycloalkyl optionally substituted with one or more halogen, C1-C5 alkoxy optionally substituted with one or more halogen, C3-C6 alkenyloxy optionally substituted with one or more halogen, C3-C6 alkynyloxy optionally substituted with one or more halogen, C1-C5 alkylthio optionally substituted with one or more halogen, C1-C5 alkylsulfinyl optionally substituted with one or more halogen, C1-C5 alkylsulfonyl optionally substituted with one or more halogen, a group represented by C(OR<sup>19</sup>)R<sup>20</sup>R<sup>21</sup>, or hydrogen,

R<sup>6</sup> is C1-C5 alkyl optionally substituted with one or more halogen,

R<sup>19</sup> represents C1-C5 alkyl-~~optionally~~ optionally substituted with one or more halogen, C3-C5 alkynyl-~~optionally~~ optionally substituted with one or more halogen, or hydrogen, and

R<sup>20</sup> and R<sup>21</sup> each represent C1-C5 alkyl-~~optionally~~ optionally substituted with one or more halogen, or hydrogen.